

AUG 1 2001

Ethicon Endo-Surgery, Inc.

510(k) Premarket Notification for PROTECTIV\* ACUVANCE IV Catheter System

K012128

## **PROTECTIV\* ACUVANCE IV Catheter System**

### **510(k) Summary of Safety and Effectiveness**

#### **Company**

Ethicon Endo-Surgery, Inc.  
4545 Creek Rd.  
Cincinnati, OH 45242

#### **Contact**

Katie Fordyce  
Regulatory Affairs Associate

#### **Date Prepared:**

July 6, 2001

#### **Name of Device**

Trade Name: PROTECTIV\* ACUVANCE IV Catheter System  
Classification Name: Catheter, Intravascular (short-term)

**Predicate Devices:** PROTECTIV\* ACUVANCE IV Catheter System

**Device Description:** Intravascular catheters are single use devices which provide access to veins or arteries.

**Intended Use:** A properly placed I.V. catheter provides access to a vein or artery. The I.V. Catheter System is designed for single use and has a needlestick protection feature. The risk of accidental needlesticks is reduced by a self-blunting needle system activated automatically as the catheter is threaded into the vessel. These catheters may be used for any patient population with consideration given to patient size, appropriateness for the solution being infused, and duration of therapy. 14 to 22 gauge catheters may be used with power injectors up to 300 psi.

**Technological Characteristics:** The technological characteristics of the new device are the same as those of the predicate device. No changes (materials, specifications, manufacturing or sterilization processes) have been made to the currently marketed catheters. The catheters differ from the currently marketed catheters only in the instructions for use which now include use of the 14 to 22 gauge catheters with power injectors up to 300 psi. The use with power injectors claim is the same as the claim on other Ethicon Endo-Surgery (previously Johnson & Johnson Medical) catheters with regard to use with power injectors.

**Performance Data:** Bench testing demonstrates that the 14 to 22 gauge ACUVANCE catheters are appropriate for use with power injectors up to 300 psi.

\*Trademark



DEPARTMENT OF HEALTH & HUMAN SERVICES

Public Health Service

AUG 1 2001

Food and Drug Administration  
9200 Corporate Boulevard  
Rockville MD 20850

Ms. Katie Fordyce  
Regulatory Affairs Associate  
Ethicon Endo-Surgery, Incorporated  
4545 Creek Road  
Cincinnati, Ohio 45242-2839

Re: K012128  
Trade/Device Name: PROTECTIV ACUVANCE IV Catheter  
System  
Regulation Number: 880.5200  
Regulatory Class: II  
Product Code: FOZ  
Dated: July 6, 2001  
Received: July 9, 2001

Dear Ms. Fordyce:

We have reviewed your Section 510(k) notification of intent to market the device referenced above and we have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act). You may, therefore, market the device, subject to the general controls provisions of the Act. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration.

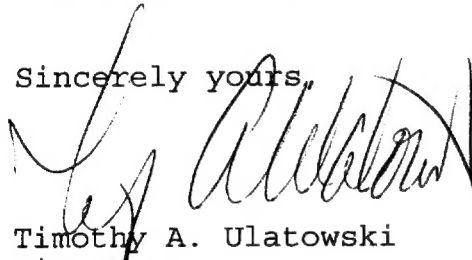
If your device is classified (see above) into either class II (Special Controls) or class III (Premarket Approval), it may be subject to such additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 895. A substantially equivalent determination assumes compliance with the Current Good Manufacturing Practice requirements, as set forth in the Quality System Regulation (QS) for Medical Devices: General regulation (21 CFR Part 820) and that, through periodic QS inspections, the Food and Drug Administration (FDA) will verify such assumptions. Failure to comply with the GMP regulation may result in regulatory action. In addition, FDA may publish further announcements

concerning your device in the Federal Register. Please note: this response to your premarket notification submission does not affect any obligation you might have under sections 531 through 542 of the Act for devices under the Electronic Product Radiation Control provisions, or other Federal laws or regulations.

This letter will allow you to begin marketing your device as described in your 510(k) premarket notification. The FDA finding of substantial equivalence of your device to a legally marketed predicate device results in a classification for your device and thus, permits your device to proceed to the market.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801 and additionally 809.10 for in vitro diagnostic devices), please contact the Office of Compliance at (301) 594-4692. Additionally, for questions on the promotion and advertising of your device, please contact the Office of Compliance at (301) 594-4639. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR 807.97). Other general information on your responsibilities under the Act may be obtained from the Division of Small Manufacturers Assistance at its toll-free number (800) 638-2041 or (301) 443-6597 or at its internet address "<http://www.fda.gov/cdrh/dsma/dsmamain.html>".

Sincerely yours,



Timothy A. Ulatowski  
Director  
Division of Dental, Infection Control  
and General Hospital Devices  
Office of Device Evaluation  
Center for Devices and  
Radiological Health

Enclosure

510(k) Number (if known): K 012128

Device Name: PROTECTIV\* ACUVANCE IV Catheter System

Indications for Use:

A properly placed I.V. catheter provides access to a vein or artery. The I.V. Catheter System is designed for single use and has a needlestick protection feature. The risk of accidental needlesticks is reduced by a self-blunting needle system activated automatically as the catheter is threaded into the vessel. These catheters may be used for any patient population with consideration given to patient size, appropriateness for the solution being infused, and duration of therapy. 14 to 22 gauge catheters may be used with power injectors up to 300 psi.

PLEASE DO NOT WRITE BELOW THIS LINE-CONTINUE ON ANOTHER PAGE  
OF NEEDED)

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Concurrence of CDRH, Office of Device Evaluation (ODE)

(Optional Format 3-10-98)

*Patricia Cucero*  
(Division Sign-Off)

Division of Dental, Infection Control,  
and General Hospital Devices

510(k) Number K 012128